

AMENDMENTS TO THE CLAIMS:

Claims 41-49 are canceled without prejudice or disclaimer. Claims 50-69 are added. The following is the status of the claims of the above-captioned application, as amended.

Claims 1-49 (Canceled).

Claim 50 (New). A process for production of a beer, comprising:

- (a) forming a mash comprising between 5% and 100% barley malt (w/w of the grist) and an adjunct;
- (b) prior to, during, or after step (a), adding a cellulase to the grist or mash;
- (c) attaining within 15 minutes of step (a) an initial incubation temperature of at least 70°C;
- (d) after step (c) incubating the mash at a temperature of at least 70°C for a period of time sufficient to achieve an extract recovery of mash of at least 80% to produce a wort;
- (e) separating the wort from the spent grains;
- (f) fermenting the wort with a yeast, and
- (g) obtaining a beer.

Claim 51 (New). The process of claim 50, further comprising, prior to, during, or after step (a), adding a protease to the grist or mash.

Claim 52 (New). The process of claim 50, further comprising, prior to, during, or after step (a), adding an alpha-amylase to the grist or mash.

Claim 53 (New). The process of claim 50, further comprising, prior to, during, or after step (a), adding a maltose generating enzyme to the grist or mash.

Claim 54 (New). The process of claim 53, wherein the maltose generating enzyme is a beta-amylase or a maltogenic alpha-amylase.

Claim 55 (New). The process of claim 50, wherein the cellulase is an endoglucanase.

Claim 56 (New). The process of claim 50, wherein the cellulase has an amino acid sequence which has at least 95% homology to the sequence of SEQ ID NO: 1.

Claim 57 (New). The process of claim 50, wherein the cellulase has the sequence of SEQ ID NO: 1.

Claim 58 (New). The process of claim 50, wherein the adjunct is unmalted barley or other malted or unmalted grain.

Claim 59 (New). The process of claim 50, wherein the adjunct is wheat, rye, oat, corn, rice, milo, millet and/or sorghum, or raw and/or refined starch and/or sugar containing material derived from wheat, rye, oat, corn, rice, milo, millet, sorghum, potato, sweet potato, cassava, tapioca, sago, banana, sugar beet and/or sugar cane.

Claim 60 (New). The process of claim 50, wherein the adjunct has a gelatinization temperature at or below the initial incubation temperature.

Claim 61 (New). The process of claim 50, further comprising combining the fermented wort with a fermented second wort.

Claim 62 (New). The process of claim 50, wherein at least 10% of the grist of the wort is barley malt.

Claim 63 (New). The process of claim 50, wherein the initial incubation temperature is attained within 10 minutes of step (a).

Claim 64 (New). The process of claim 50, wherein the initial incubation temperature is attained within 5 minutes of step (a).

Claim 65 (New). The process of claim 50, wherein the initial incubation temperature is attained at the mash forming.

Claim 66 (New). The process of claim 50, wherein the initial incubation temperature is at least 75°C.

Claim 67 (New). The process of claim 50, wherein the beer is selected from the group consisting of ales, strong ales, bitters, stouts, porters, lagers, export beers, malt liquors, barley wine, happoushu, high-alcohol beer, low-alcohol beer, low-calorie beer and light beer.

Claim 68 (New). The process of claim 50, wherein the concentration of dimethyl sulfide in the wort or the beer is less than the concentration of a wort or a beer produced by the standard Congress mashing process.

Claim 69 (New). The process of claim 50, wherein the concentration of trans-2-nonenal of the wort or the beer is less than the concentration of trans-2-nonenal of a wort or a beer produced by the standard Congress mashing process.